

CLAIMS:

1. A method of manufacturing gas diffusion electrodes comprising the steps of:

5 (a) preparing a slurry containing solids composed up of:

(A) 50 to 90 wt% of an electrically conductive powder,

(B) 5 to 50 wt% of carbon fibers,

(C) 3 to 40 wt% of organic fibers, and

10 (D) 5 to 40 wt% of a resin,

in a combined amount of 100 wt% for components A to D;

(b) forming the slurry into a sheet; and

(c) heating and drying the sheet.

15 2. The method of claim 1, wherein the conductive powder has an average particle size of 10 to 100 μm .

3. The method of claim 1, wherein the carbon fibers have a length of 0.1 to 20 mm.

20

4. The method of claim 1, wherein heating and drying of the web is carried out using a continuous dryer.

5. A fuel cell containing the gas diffusion electrodes
25 manufactured by the method of claim 1.